

APPARATUS AND METHOD FOR CONTROLLING
AN OPTICAL TRANSCEIVER

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ABSTRACT OF THE DISCLOSURE

An optical transceiver is controlled through the use of a monitor optical signal generator and monitor optical signal detector mounted in close physical proximity to the optical signal generator and detector of the transceiver in a housing having a reflective surface. The monitor optical signal generator transmits a reference optical signal that is reflected and directed to the monitor optical signal detector by the reflective surface of the housing. Changes in the reference optical signal detected at the monitor optical signal detector are used for controlling the optical signal generator of the transceiver.

THERMOCOUPLE - THERMOMETER